

ELECTRICAL AND COMPUTER ENGINEERING MAJOR

Program Tracking Sheet

Name:	Class Year:	Expected Graduation Date:
Student ID #:	Advisor:	2 nd Major:

NOTES: Minimum academic credit = 15 units
Residency Req.: Min. of 8 units must be completed at WPI

HUMANITIES AND ARTS REQUIREMENT (2 units)

--Breadth Component			
Select at least 1 course from at least 2 of the 3 intellectual clusters:			
1. art/art history, music, drama/theatre (AR, MU, TH)			
2. languages, literature & writing/rhetoric (EN, WR, RH, SP, GN)			
3. history, philosophy, religion (HI, HU, PY, RE)			
Exception: May take all six courses in a foreign language			
Course	Term	Grade	Units
1.			1/3
2.			1/3
3.			1/3
--Depth Component (from one of your areas above)			
At least 1 of the 2 thematically-related courses must be at 2000-level or above. The 3rd course is an Inquiry Seminar or Inquiry Practicum.			
4.			1/3
5.			1/3
6.			1/3

PE AND SOCIAL SCIENCE REQUIREMENT (1 unit)

PHYSICAL EDUCATION (4 PE classes = 1/3 credit)

7.1			1/12
7.2			1/12
7.3			1/12
7.4			1/12

SOCIAL SCIENCE (2/3 unit) Courses with prefix: SS or ID2050

8.			1/3
9.			1/3

MATHEMATICS AND BASIC SCIENCE REQUIREMENT (4 units)

MATHEMATICS (at least 7/3 units) Courses with prefix: MA

10.	MA 1021		1/3
11.	MA 1022		1/3
12.	MA 2051		1/3
13.	MA 2201 / CS 2022		1/3
14.	MA 2611 / MA 2621		1/3
15.			1/3
16.			1/3

PHYSICS (at least 2/3 unit) Courses with prefix: PH

17.			1/3
18.			1/3

CHEMISTRY or BIOLOGY (1/3 unit) Course with prefix: CH or BB

19.			1/3
-----	--	--	-----

MATH or BASIC SCIENCE (2/3 unit) Courses with prefix: MA, PH, CH, BB, or GE

20.			1/3
21.			1/3

ENGINEERING SCIENCE AND DESIGN REQUIREMENT (6 units)

ELECTRICAL AND COMPUTER ENGINEERING (12/3 units)

Courses with prefix ECE (except ECE 3601) and ES 3011

22.			1/3
23.			1/3
24.			1/3
25.			1/3
26.			1/3
27.			1/3
28.			1/3
29.			1/3
30.			1/3
31.			1/3
32.			1/3
33.			1/3

Must include 1 unit of Electrical Engineering courses: ECE 2112, 2201, 2204, 2305, 2312, 3011, 3113, 3204, 3308, 3311, 3501, 3503, 4011, 4023, 4201, 4304, 4703, 4902, 4904, and ES 3011

Must also include 2/3 unit of Computer Engineering courses: ECE 2801, 3801, 3803, 3810, and 4801.

MAJOR QUALIFYING PROJECT (3/3 unit)

34.			1/3
35.			1/3
36.			1/3

COMPUTER SCIENCE (1/3 unit) Course with prefix: CS

37.			1/3
-----	--	--	-----

Must at the 2000 level or above, excluding CS 2011, CS 2022, and CS 3043

ENGINEERING SCIENCE (1/3 unit) Course with prefix: ES

38.			1/3
-----	--	--	-----

Must at the 2000 level or above, excluding ES 3011

ADDITIONAL ENGINEERING SCIENCE AND DESIGN (1/3 unit)

39.			1/3
-----	--	--	-----

At least one 2000 level or above course from: BME, CE, CHE, CS, ECE, ES, FP, ME or RBE, excluding CS 2011, CS 2022, CS 3043 and ECE 3601

OTHER REQUIREMENTS (2 units)

THE INTERACTIVE QUALIFYING PROJECT (3/3 unit)

40.			1/3
41.			1/3
42.			1/3

FREE ELECTIVES (3/3 unit)

43.			1/3
44.			1/3
45.			1/3

NOTE

This planning guide was created based on the 08-09 and later undergraduate catalogs. Students matriculating prior to September 2008 should consult their academic advisors.